Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 23 Dec 2023 until 23:59 on Sunday 24 Dec 2023

Forecast Issued on Friday 22 Dec 2023 at 15:12

Confidence: High confidence for a continuation of windy conditions over Christmas, winds easing for Boxing day. Confidence is lower for amount of showers and rainfall over the weekend. Perhaps a colder spell around the 27th December.

Headline for Saturday 23 Dec 2023: Outbreaks of rain in the morning, becoming drier during the morning but widespread gales likely, often poor visibility in the north, perhaps brighter further south.

Mountain weather hazards on Saturday 23 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Light rain	Cloudy	Cloudy	Light rain	Light rain	Heavy Rain
Precipitation probability							
20%	20%	40%	20%	20%	50%	50%	70%

Forecast for Saturday 23 Dec 2023

Weather: Rain will be persistent at times early on Saturday for the northern Peak District but easing and becoming light and patchy through daylight hours. Remaining cloudy and quite dull with gales throughout the day, perhaps the odd brighter spell towards further south. Heavier returning during the evening especially for northern hills.

Chance of cloud-free hill tops above 600m: 60% in the south, 40% around northern hills. Broken low cloud due to rain in the north.

Low cloud and visibility: Low cloud will affect the area for much of the day becoming more extensive during the morning. Layers of broken cloud above 500m can be expected around more northern peaks, further south low cloud will be patchier with many summit remaining clear. Visibility will also be moderate or poor at times further north with limited views expected at height, further south better views will be possible.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 23 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/42 W	34/45 W	35/47 W	31/42 W	30/41 W	28/39 W	31/42 SW	33/46 SW	34/47 W
300	23/34 W	25/37 W	26/38 W	23/34 W	22/33 W	21/32 SW	22/33 SW	25/38 SW	25/38 SW
Valley	16/33 W	18/36 W	18/36 W	16/33 W	16/33 W	15/31 SW	15/33 SW	17/36 SW	17/36 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-2	6/-1	5/-1	5/-1	6/-0	6/0	6/-0	7/1	8/2
300	7/2	8/3	8/3	8/3	8/4	8/4	8/4	9/4	10/6
Valley	8/4	8/5	8/5	8/4	9/5	9/6	9/5	9/6	10/7
Freezing Level*	1500m	1500m	1500m	1500m	1800m	2200m	2200m	2900m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Another very windy day with gales at height. Feeling cold in rain and very strong winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 22 Dec 2023	17mm	31.7mm	36.6mm

Forecast for Sunday 24 Dec 2023

Weather: Rain during the morning will clear south. A few bright spells developing in the north first but turning showery during the afternoon and showers often grouping together to give longer spells of rain. Showers will be blustery with strong winds expected again. Gales on the higher ground making progress difficult.

Maximum wind: Southwesterly 30-35mph with gusts 45-50mph.

Chance of cloud-free hill tops above 600m: 40% increasing to 70% during the day.

Low cloud and visibility: Scattered or broken cloud above 500m will lift and clear during the day, perhaps thickening and lowering in showers or any longer periods of rain. Visibility will be moderate or poor initially but will be good out with showers later.

Temperature: **Valleys:** Plus 12 falling to 8 Celsius.
At 600m: Plus 9 falling to 6 Celsius.
Freezing level: Above all summits.

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